

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031023\
 Data File : VX034410.D
 Acq On : 10 Mar 2023 10:03
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Mar 13 10:19:39 2023
 Quant Title :
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	308907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	513053	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	444035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	208750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	3025	1.050	ug/l	99
3) Chloromethane	1.294	50	8397m	0.951	ug/l	
4) Vinyl Chloride	1.373	62	4443	1.133	ug/l #	65
6) Chloroethane	1.684	64	2357m	1.037	ug/l	
7) Trichlorofluoromethane	1.886	101	6198	1.052	ug/l	85
8) Diethyl Ether	2.129	74	2281	1.061	ug/l	64
9) 1,1,2-Trichlorotrifluo...	2.337	101	3593	1.046	ug/l	94
12) 1,1-Dichloroethene	2.318	96	3624	1.072	ug/l	97
14) Allyl chloride	2.666	41	7442	1.085	ug/l	96
15) Acrylonitrile	3.068	53	9634	4.766	ug/l	98
16) Acetone	2.373	43	12136	5.733	ug/l	90
17) Carbon Disulfide	2.513	76	10173	1.069	ug/l #	92
18) Methyl Acetate	2.696	43	7186	1.039	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	12150	1.003	ug/l	100
20) Methylene Chloride	2.788	84	4888	1.190	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	3332	0.928	ug/l #	72
22) Diisopropyl ether	3.763	45	13431	1.027	ug/l	94
23) Vinyl Acetate	3.721	43	48038	4.829	ug/l	95
24) 1,1-Dichloroethane	3.605	63	6978	0.993	ug/l	92
25) 2-Butanone	4.574	43	14729	4.863	ug/l	94
26) 2,2-Dichloropropane	4.483	77	6008	0.984	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	4277	0.989	ug/l	95
28) Bromochloromethane	4.897	49	3099	0.949	ug/l #	99
29) Tetrahydrofuran	5.013	42	9147	4.894	ug/l	99
30) Chloroform	5.098	83	6446m	0.936	ug/l	
32) 1,1,1-Trichloroethane	5.373	97	5849	0.959	ug/l #	51
36) 1,1-Dichloropropene	5.696	75	5532	1.063	ug/l	92
37) Ethyl Acetate	4.733	43	5943m	1.046	ug/l	
38) Carbon Tetrachloride	5.671	117	5006	0.967	ug/l #	79
39) Methylcyclohexane	7.385	83	6060	0.973	ug/l	96
40) Benzene	6.037	78	15818	1.039	ug/l	93
41) Methacrylonitrile	4.946	41	3083m	0.990	ug/l	
42) 1,2-Dichloroethane	6.092	62	5168	0.924	ug/l	99
43) Isopropyl Acetate	6.342	43	9304	0.966	ug/l	99
44) Trichloroethene	7.129	130	4147	1.049	ug/l	85
45) 1,2-Dichloropropane	7.433	63	3962	0.997	ug/l	98
46) Dibromomethane	7.580	93	2524	0.934	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Bromodichloromethane	7.824	83	4712	0.901	ug/l	97
48) Methyl methacrylate	7.695	41	4286	0.925	ug/l	98
49) 1,4-Dioxane	7.659	88	1825	18.762	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	26489	4.742	ug/l	96
52) Toluene	8.720	92	9201	0.976	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	5005	0.850	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	5704	0.895	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	3436	0.919	ug/l	92
56) Ethyl methacrylate	9.116	69	5758	0.938	ug/l	98
57) 1,3-Dichloropropane	9.311	76	6575	0.989	ug/l	91
58) 2-Chloroethyl Vinyl ether	8.244	63	18986	6.000	ug/l	99
59) 2-Hexanone	9.433	43	20479	4.743	ug/l	100
60) Dibromochloromethane	9.518	129	3333	0.850	ug/l	97
61) 1,2-Dibromoethane	9.616	107	3864	0.958	ug/l	92
64) Tetrachloroethene	9.274	164	3081	1.033	ug/l #	88
65) Chlorobenzene	10.079	112	10317	1.059	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	3388	0.955	ug/l #	63
67) Ethyl Benzene	10.195	91	17992	1.032	ug/l	99
68) m/p-Xylenes	10.299	106	13534	2.020	ug/l	99
69) o-Xylene	10.640	106	7032	1.046	ug/l	89
70) Styrene	10.658	104	10196	0.940	ug/l	94
71) Bromoform	10.799	173	2309	0.845	ug/l #	96
73) Isopropylbenzene	10.963	105	17407	1.079	ug/l	99
74) N-ethyl acetate	10.847	43	7503	0.971	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	5613	1.043	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	4753m	0.969	ug/l	
77) Bromobenzene	11.201	156	4060	1.049	ug/l	94
78) n-propylbenzene	11.305	91	18404	0.988	ug/l	98
79) 2-Chlorotoluene	11.366	91	11884	1.033	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	13427	0.992	ug/l	99
82) 4-Chlorotoluene	11.457	91	13337	1.006	ug/l	95
83) tert-Butylbenzene	11.713	119	14082	1.032	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	14492	1.048	ug/l	100
85) sec-Butylbenzene	11.890	105	16717	1.002	ug/l	98
86) p-Isopropyltoluene	12.012	119	13915	0.993	ug/l	91
87) 1,3-Dichlorobenzene	11.969	146	8087	1.066	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	8363m	1.091	ug/l	
89) n-Butylbenzene	12.329	91	11822	0.949	ug/l	96
90) Hexachloroethane	12.536	117	2437	0.939	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	7812	1.066	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1205	0.985	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	4410	0.962	ug/l	96
94) Hexachlorobutadiene	13.725	225	1924	1.042	ug/l	92
95) Naphthalene	13.774	128	14869	0.967	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	4141	0.924	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

